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ABSTRACT OF THE DISCLOSURE

Two public keys including a random number term therein
are prepared in a database for each divided plaintext in
5 advance, a plaintext is divided into a plurality of 1-bit
divided plaintexts, one public key is selected for each
divided plaintext from the database according to the bit
data of each divided plaintext, and the selected public keys
are added to generate a ciphertext. This invention bases
10 its security on free selection of a desired combination of
public keys.

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